

AN INFLATABLE CUSHION CELL WITH DIAGONAL SEAL STRUCTURE

ABSTRACT OF THE DISCLOSURE

An inflatable cushion cell has first and second inflatable compartments. Each inflatable compartment is defined by at least one diagonal seal structure. In addition, each inflatable compartment also has at least one fluid opening. In one embodiment the diagonal seal structure is offset from opposite corners of the inflatable cushion cell. In one embodiment patient support system includes a plurality of inflatable such cushion cells are located within a frame. In one embodiment a pressure control system is used control the inflation of the first and second inflatable compartments. In one embodiment a method is used to move a patient in an inflatable patient support system.